

L35 ANSWER 179 OF 272 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1993:512953 HCAPLUS Full-text
 DOCUMENT NUMBER: 119:112953
 TITLE: Homogeneous immunoassay using enzyme inhibitors
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 PATENT ASSIGNEE(S): Syntex (U.S.A.) Inc., USA
 SOURCE: Can. Pat. Appl., 86 pp.
 CODEN: CPXXEB
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| CA 2076291 | AA | 19930220 | CA 1992-2076291 | 19920818 |
| US 5972630 | A | 19991026 | US 1991-747082 | 19910819 |
| EP 532187 | A1 | 19930317 | EP 1992-307525 | 19920818 |
| EP 532187 | B1 | 19961030 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE | | | | |
| JP 05249112 | A2 | 19930928 | JP 1992-262661 | 19920818 |
| AT 144840 | E | 19961115 | AT 1992-307525 | 19920818 |
| US 5919641 | A | 19990706 | US 1995-451326 | 19950526 |

PRIORITY APPLN. INFO.: US 1991-747082 A 19910819

AB A method is described for detg. the presence of an analyte which is a specific binding pair member in a sample suspected of containing the analyte. The method involves (1) bringing together, in an aqueous medium, the sample, an enzyme bound to a 1st specific binding pair member, and an inhibitor of the enzyme bound to a 2nd specific binding pair member, wherein each specific binding pair member is capable of binding to the analyte or to a specific binding pair member complementary to the analyte; (2) analyzing the medium for enzyme activity; and (3) relating enzyme activity to the amount of analyte present in the medium. Comps. of matter and kits are also disclosed. An assay for digoxin using e.g. randomly labeled anti-digoxin antibody-deoxygalactostatin inhibitor conjugate and thiol-labeled digoxin-galactosidase conjugate is described; enzyme activity was a function of digoxin concentration Other assays for digoxin determination and for cyclosporine determination are also described, as is preparation of appropriate conjugates.

IT 149379-62-4E

RL: RCT (Reactant); SPN (Synthetic preparation); PREP
 (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, in reagent preparation for cyclosporine immunoassay with enzyme-antigen conjugate and antibody-enzyme inhibitor conjugate)

RN 149379-62-4 HCAPLUS

CN Cyclosporin A, 1-D-alanine-2-L-alanine-6-[(3R,4R,6E)-6,7-didehydro-N,4-dimethyl-3-[(trimethylsilyl)oxy]-L-2-aminooctanoic acid]- (9CI) (CA INDEX NAME)

